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SUBJECT: REVISION OF MIP RATING SYSTEM

1. IN ORDER TO ENHANCE THE VALUE OF THE MIP RATING SYSTEM IN THE 1100 MISSION SERIES, [] HAS REASSESSED THE PRESENTLY ASSIGNED RATINGS.

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2. THIS WAS ACCOMPLISHED BY EMPLOYING STATISTICAL MEANS TO ANALYZE THE RESULTS OF SUBJECTIVE TESTING. THE TESTING METHOD EMPLOYED, REQUIRED EACH SUBJECT TO CHOOSE THE BETTER OF TWO CHIPS IN REGARDS TO THE QUALITY OF THE IMAGERY RELATIVE TO SPECIFIC CRITERIA. THE CRITERIA CATEGORIES WERE:

- A. AIRCRAFT
- B. BUILDING FORM
- C. AUTOMOBILIES
- D. EDGE SHARPNESS
- E. NUMERALS ON RUNWAYS
- F. GENERAL OVERALL QUALITY

EACH COMPARISON WAS ACCOMPLISHED FOR A SINGLE CRITERIA PER TEST SESSION. SESSIONS WERE CONTINUED UNTIL ALL SUBJECTS HAD COMPARED

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ALL PAIRS IN ALL SIX CATEGORIES. AS A RESULT, DURING THE FIVE WEEKS OF TESTING, ALL SUBJECTS MADE 96 DECISIONS EACH. SIX SUBJECTS PARTICIPATED IN THIS TEST PROGRAM AND THE STATISTICAL ANALYSIS IS BASED ON THEIR RESULTS. AN AMERICAN OPTICAL COMPARISON (SPLIT-FIELD) MICROSCOPE WAS UTILIZED AS THE VIEWING MEDIUM. MAGNIFICATION WAS LIMITED TO 40X OR 100X AT THE VIEWERS DISCRETION. THE 100X MAGNIFICATION PROVED TO BE THE MOST USEFUL. THE IMAGERY FOR THE PROGRAM CONSISTED OF CHIPS EXTRACTED FROM THE PREVIOUSLY SELECTED MIP FRAMES OF THE 1100 AND 1000 SERIES MISSIONS. THUS, ALL OF THE 1100 SERIES MIP FRAMES AND TWO OF THE 1000 SERIES MIP FRAMES WERE EMPLOYED. THE 1000 SERIES MIP FRAMES WERE CHOSEN AS REPRESENTATIVE OF THE 80 AND 85 MIP VALUES.

3. THE 1100 SERIES MISSIONS WERE THEN RANKED IN ORDER AS INDICATED BY THE RESULTS OF THE TEST PROGRAM. EMPLOYING THE 1000 SERIES MIPS OF 80 AND 85 AS A BASE, THE RATINGS FOR THE 1100 SERIES WERE ESTABLISHED. THESE RATINGS ARE AS FOLLOWS:

MIP RATING	MISSION
80	1014-1
85	1043-1

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WITH TEXT

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95	1105-1
110	1106-1
115	1104-1

4. THE ISSUANCE OF THIS MESSAGE ESTABLISHES THESE RATINGS/ MISSIONS AS STANDARDS WHICH WILL BE EMPLOYED FOR THE ASSIGNING OF FUTURE RATINGS TO THE 1100 MISSION SERIES. THESE MISSION MIPS WILL REMAIN THE STANDARD FOR THE PARTICULAR ASSIGNED MIP VALUE, (E.G., MISSION 1105-1, MIP WILL BE THE 95 VALUE AND MISSION 1106-1, MIP WILL BE THE 110 VALUE). SHOULD FUTURE MISSIONS REQUIRE RATINGS ABOVE OR BELOW THE ESTABLISHED STANDARDS, ASSIGNMENT OF THE APPROPRIATE VALUE WILL BE MADE. THE FIVE INCREMENT SPACING, HOWEVER, WILL BE MAINTAINED.

5. IN ACCORDANCE WITH THE NEW STANDARDS, THE RATING OF MISSION 1101 IS MIP 85 AND THE RATING OF MISSION 1103 IS MIP 90.

6. THE ENTIRE TEST PROCEDURE AND RATING OF THE RESULTS WILL BE EXPLAINED AT THE 1107 PET MEETING. THE ENTIRE STUDY WILL ALSO BE DOCUMENTED AS A SPECIAL STUDY INSERT IN THE 1107 PER.

T O P S E C R E T

END OF MESSAGE

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